

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Quant Time: Mar 11 04:48:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	263	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	822	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	500	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.36	188	66472	0.40	ng/ul	0.10
16) Chrysene-d12	21.69	240	87	0.40	ng/ul	0.25
20) Perylene-d12	24.04	264	190	0.40	ng/ul	0.26

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	315	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	866	0.00	ng/ul	0.00

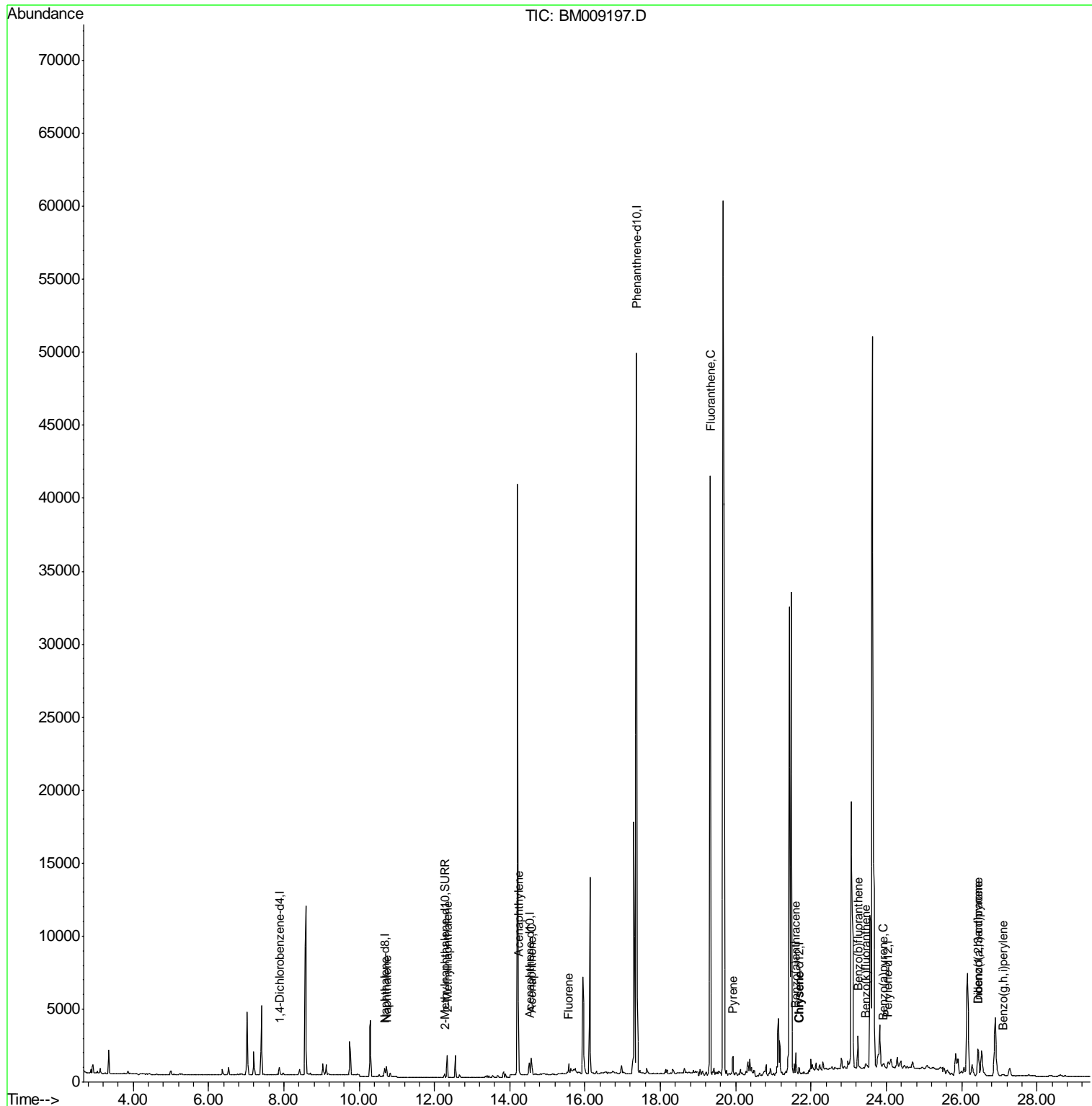
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.73	128	693	0.29	ng/ul#	85
5) 2-Methylnaphthalene	12.34	142	1068	0.63	ng/ul	100
7) Acenaphthylene	14.23	152	311	0.12	ng/ul#	57
8) Acenaphthene	14.57	153	745	0.37	ng/ul	93
9) Fluorene	15.56	166	629	0.27	ng/ul#	80
15) Fluoranthene	19.33	202	46774	0.17	ng/ul	93
17) Pyrene	19.92	202	433	1.45	ng/ul#	1
18) Benzo(a)anthracene	21.60	228	1239	4.29	ng/ul#	49
19) Chrysene	21.68	228	175	0.64	ng/ul#	1
21) Benzo(b)fluoranthene	23.24	252	3237	4.34	ng/ul	94
22) Benzo(k)fluoranthene	23.45	252	405	0.61	ng/ul#	1
23) Benzo(a)pyrene	23.91	252	173	0.26	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.43	276	820	0.96	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.43	278	3098	4.32	ng/ul#	94
26) Benzo(a,h,i)perylene	27.11	276	160	0.22	ng/ul#	4

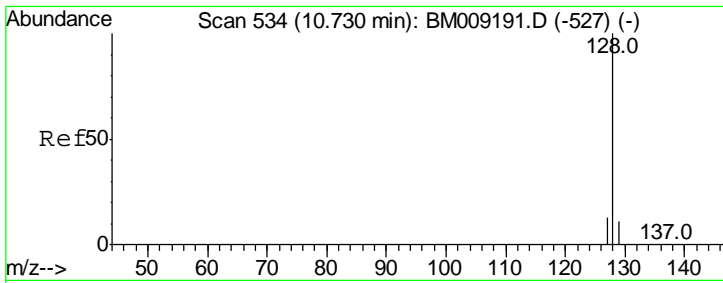
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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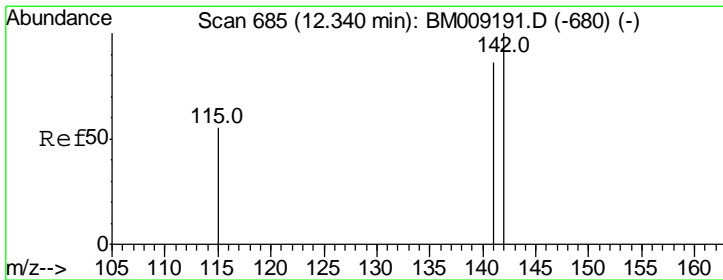
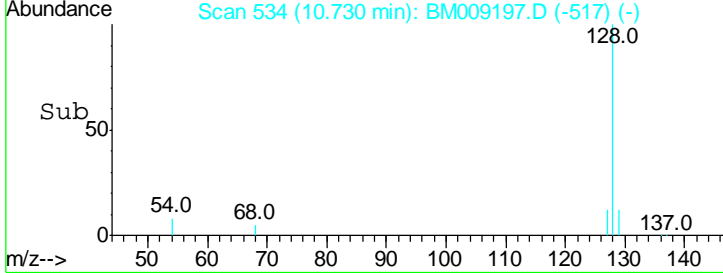
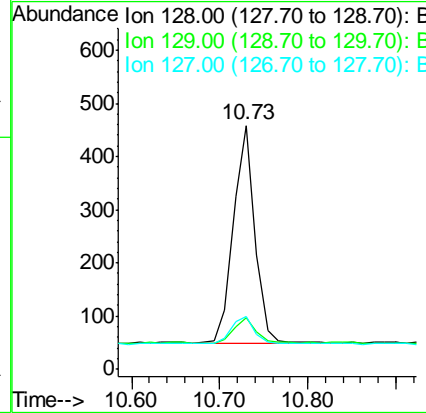
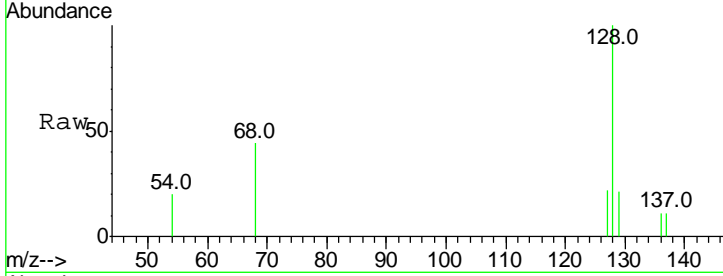




#3
 Naphthalene
 Concen: 0.29 ng/ul
 RT: 10.73 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

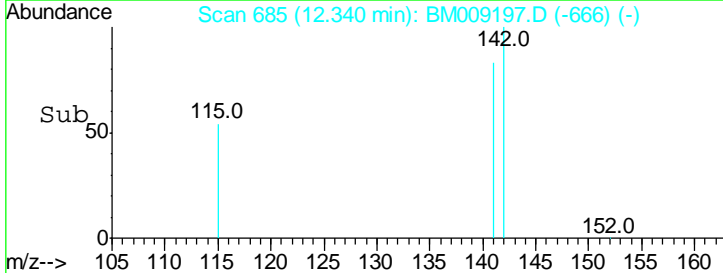
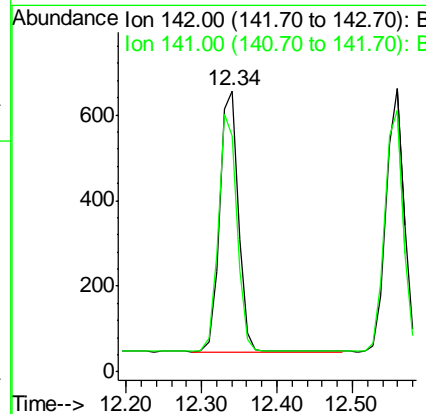
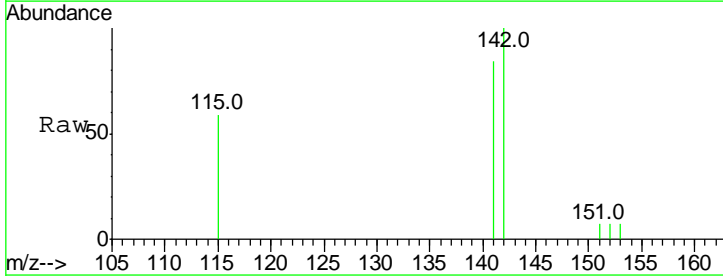
Instrument :
 BNA_M
 ClientSampleId :
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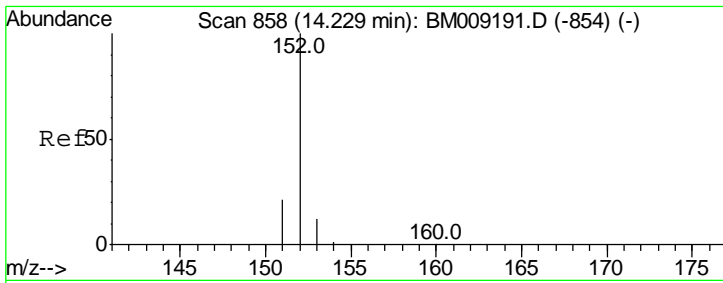
Tgt Ion	Resp	Lower	Upper
128	100		
129	21.2	11.3	16.9#
127	21.6	12.8	19.2#



#5
 2-Methylnaphthalene
 Concen: 0.63 ng/ul
 RT: 12.34 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

Tgt Ion	Resp	Lower	Upper
142	100		
141	90.3	72.6	108.8

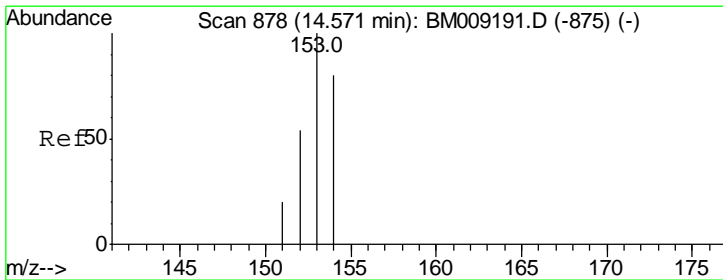
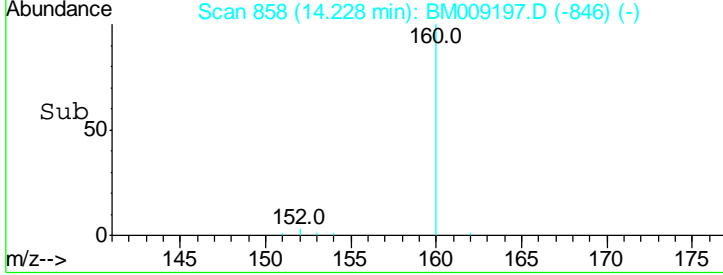
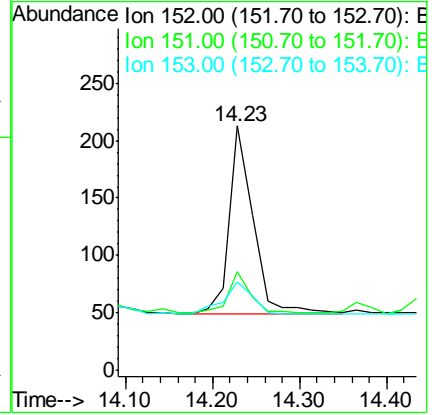
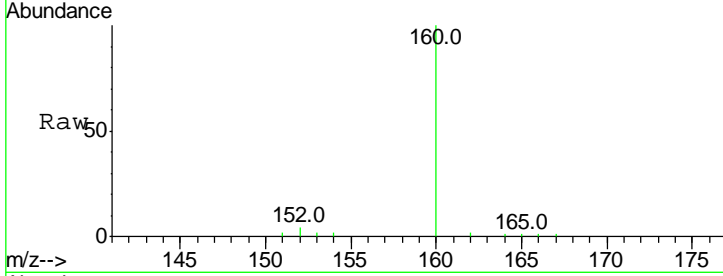




#7
 Acenaphthylene
 Concen: 0.12 ng/ul
 RT: 14.23 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

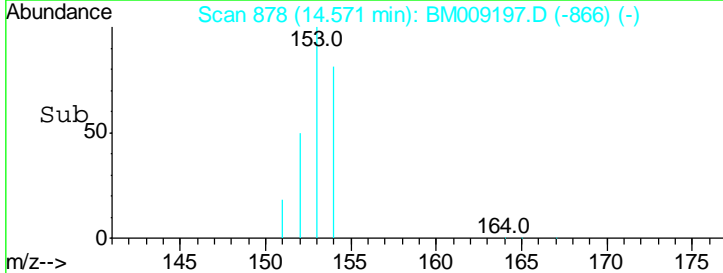
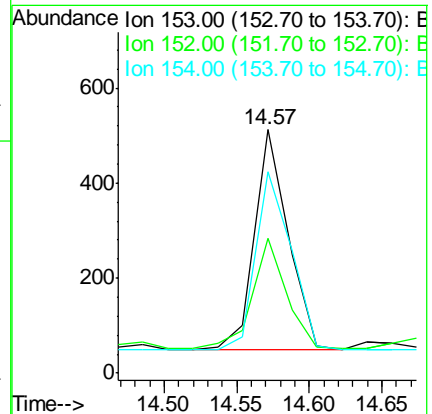
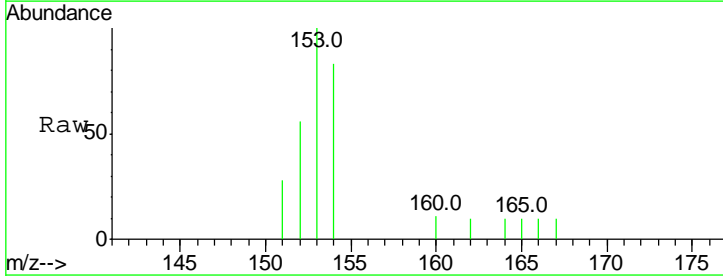
Instrument :
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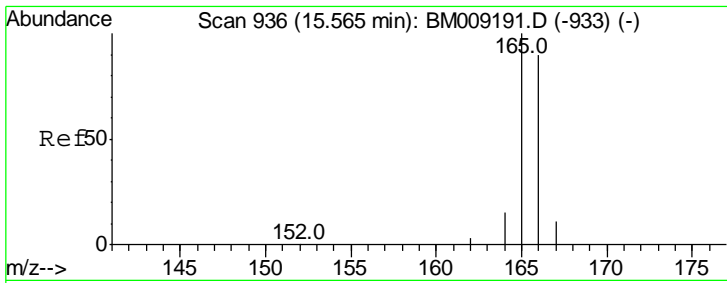
Tgt Ion	Resp	Lower	Upper
152	100		
151	40.4	17.1	25.7#
153	36.2	12.8	19.2#



#8
 Acenaphthene
 Concen: 0.37 ng/ul
 RT: 14.57 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

Tgt Ion	Resp	Lower	Upper
153	100		
152	55.7	40.3	60.5
154	82.6	71.4	107.2

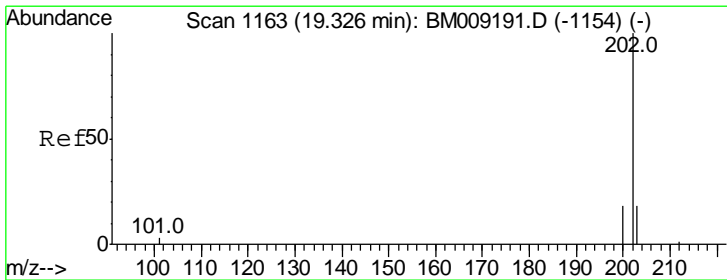
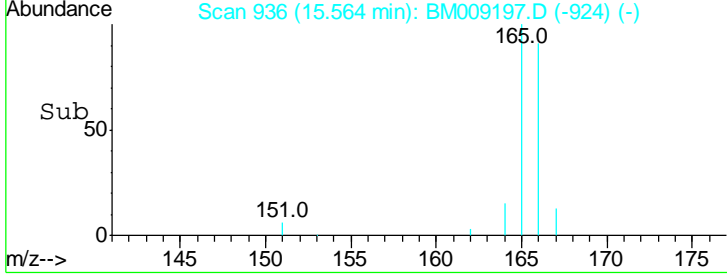
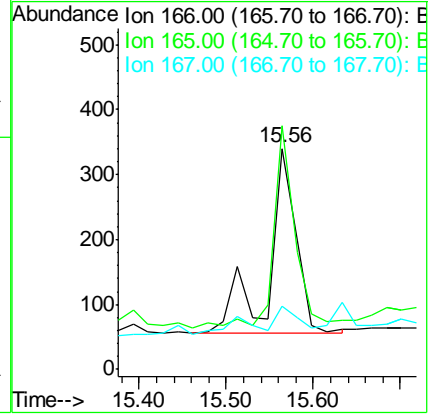
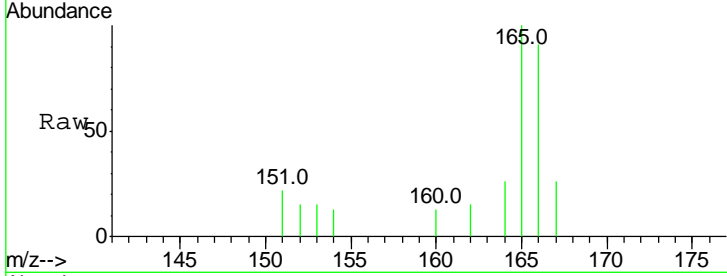




#9
 Fluorene
 Concen: 0.27 ng/ul
 RT: 15.56 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

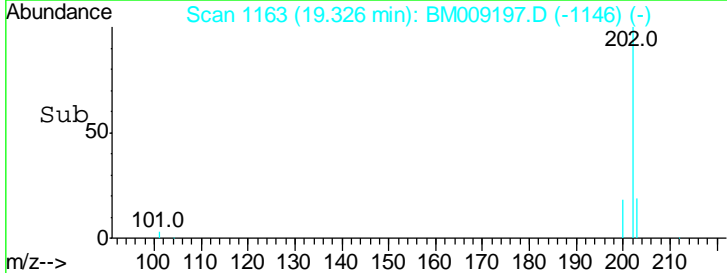
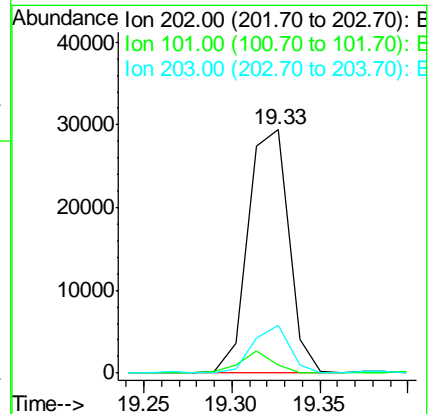
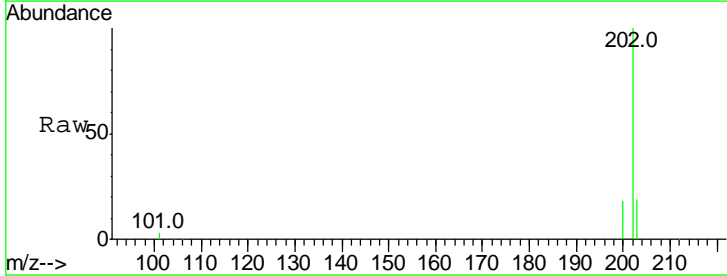
Instrument :
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 ClientSampleId :
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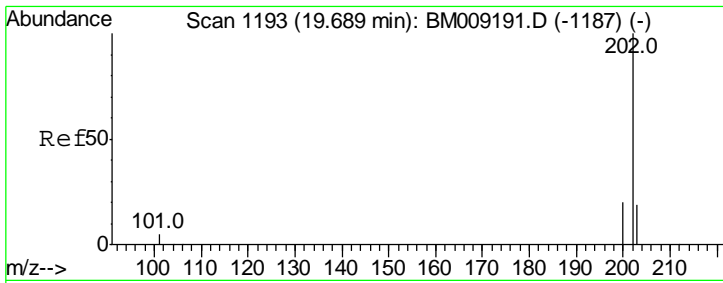
Tgt Ion	Resp	Lower	Upper
166	100		
165	110.3	73.4	110.2#
167	28.5	14.6	22.0#



#15
 Fluoranthene
 Concen: 0.17 ng/ul
 RT: 19.33 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

Tgt Ion	Resp	Lower	Upper
202	100		
101	3.2	0.0	30.3
203	19.4	0.0	39.5

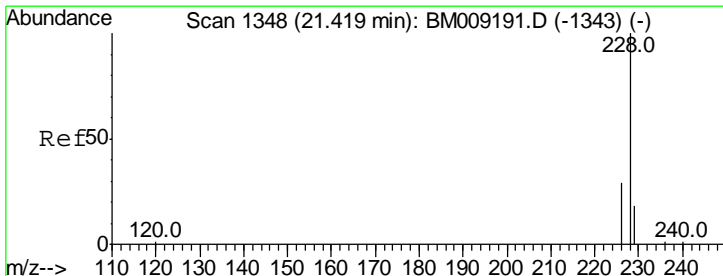
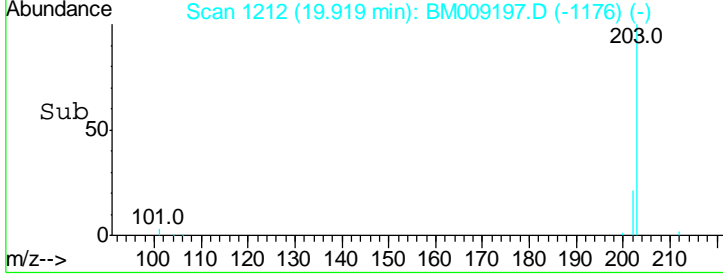
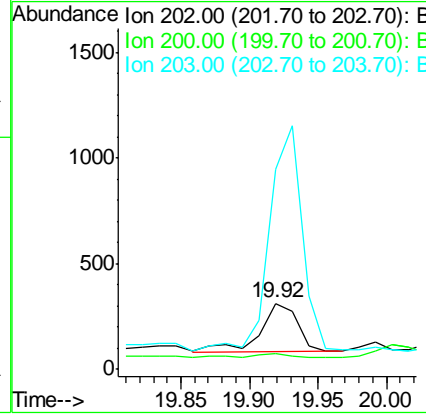
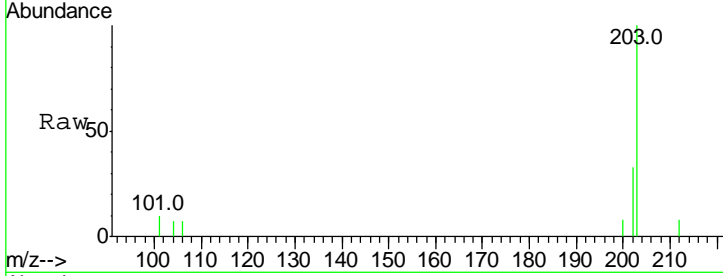




#17
 Pyrene
 Concen: 1.45 ng/ul
 RT: 19.92 min Scan# 1212
 Delta R.T. 0.23 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

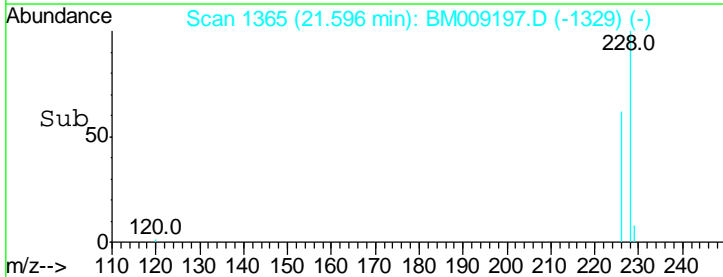
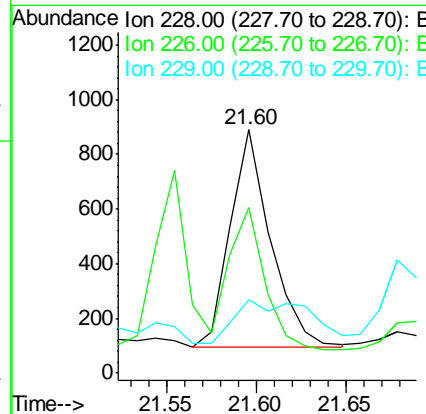
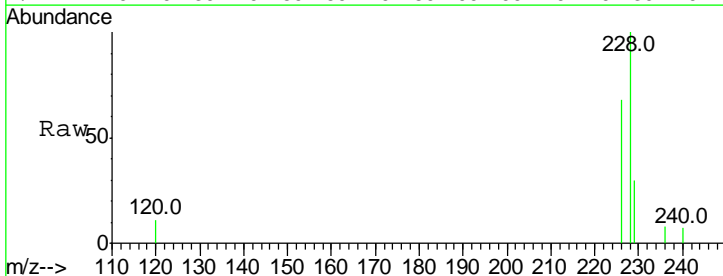
Instrument : BNA_M
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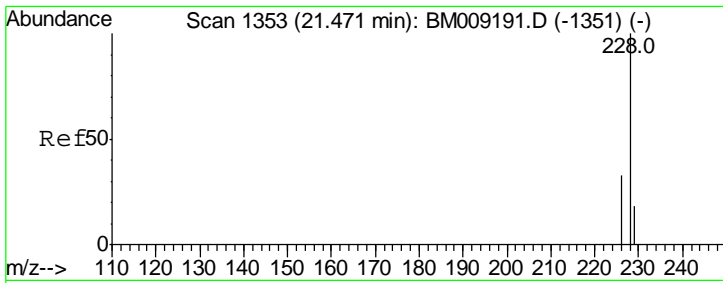
Tgt Ion	Resp	Lower	Upper
202	433		
202	100		
200	23.6	18.2	27.4
203	302.2	15.6	23.4#



#18
 Benzo(a)anthracene
 Concen: 4.29 ng/ul
 RT: 21.60 min Scan# 1365
 Delta R.T. 0.18 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

Tgt Ion	Resp	Lower	Upper
228	1239		
228	100		
226	68.0	22.8	34.2#
229	30.1	17.0	25.6#

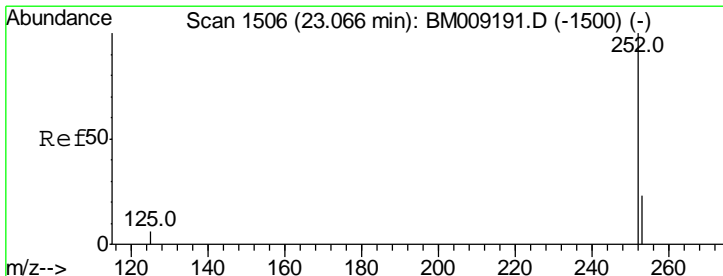
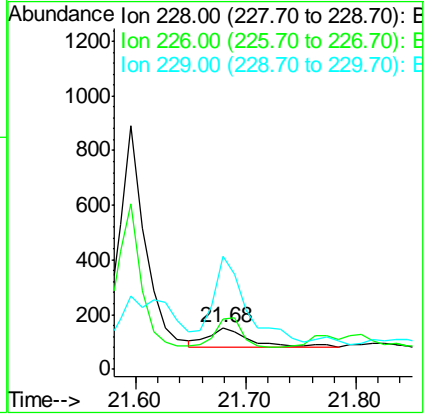
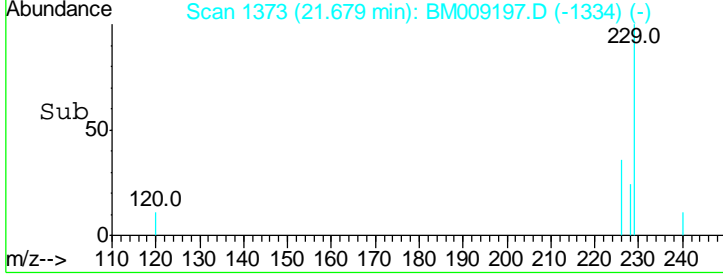
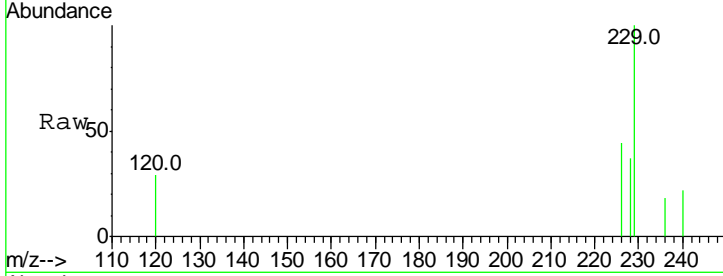




#19
 Chrysene
 Concen: 0.64 ng/ul
 RT: 21.68 min Scan# 1373
 Delta R.T. 0.21 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

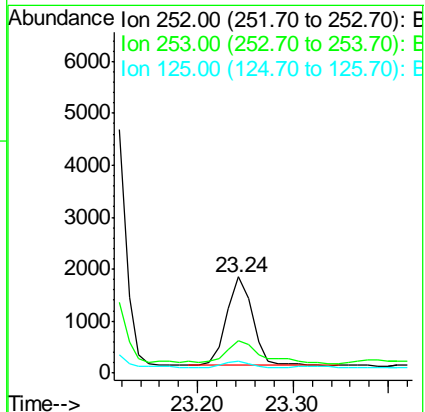
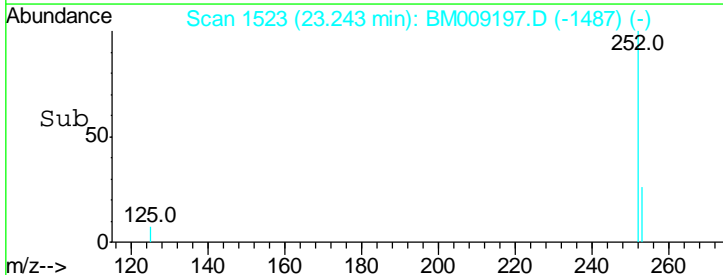
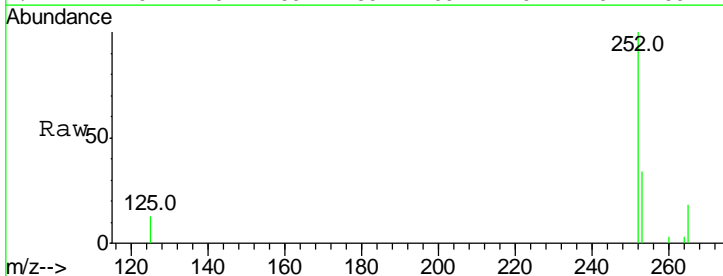
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 ClientSampled :
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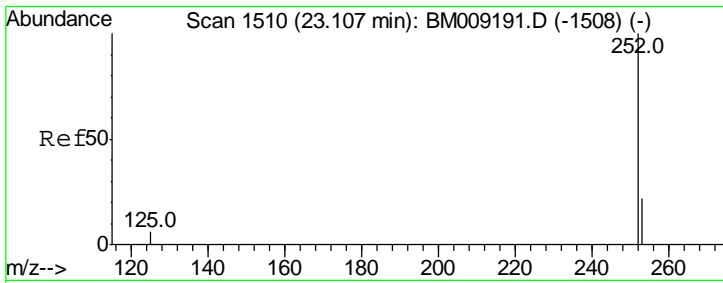
Tgt Ion	Resp	Lower	Upper
228	175		
226	120.4	23.4	35.0#
229	273.0	17.7	26.5#



#21
 Benzo(b)fluoranthene
 Concen: 4.34 ng/ul
 RT: 23.24 min Scan# 1523
 Delta R.T. 0.18 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

Tgt Ion	Resp	Lower	Upper
252	3237		
253	33.9	0.0	64.2
125	12.6	0.0	35.0

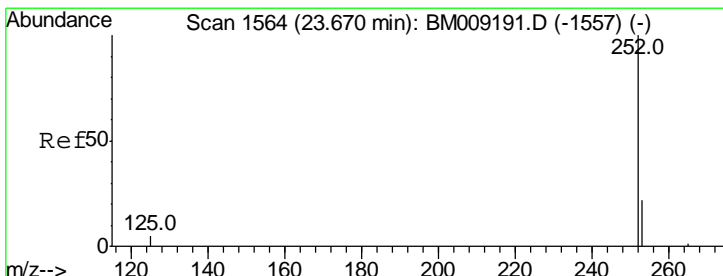
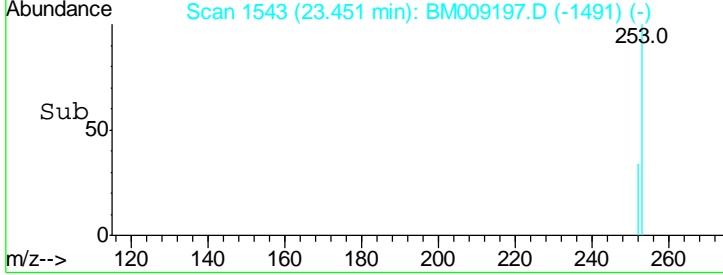
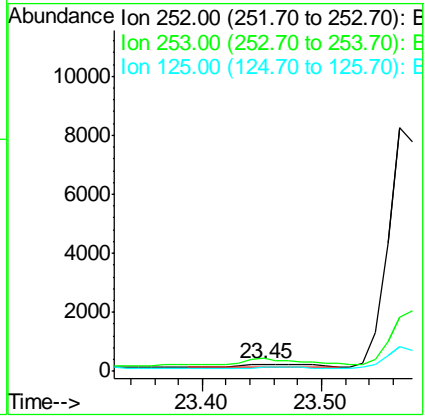
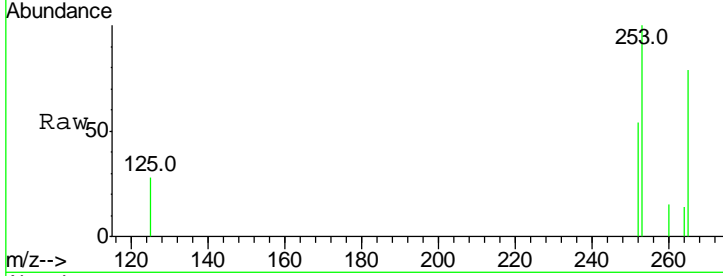




#22
 Benzo(k)fluoranthene
 Concen: 0.61 ng/ul
 RT: 23.45 min Scan# 1543
 Delta R.T. 0.34 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

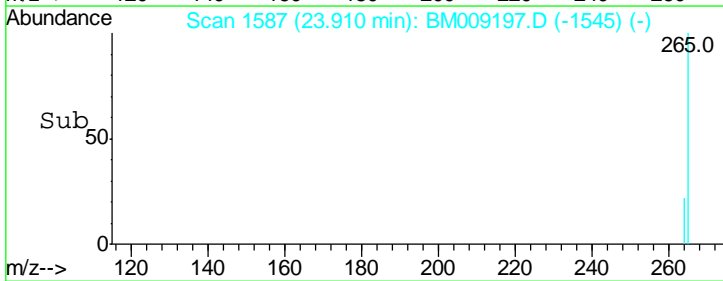
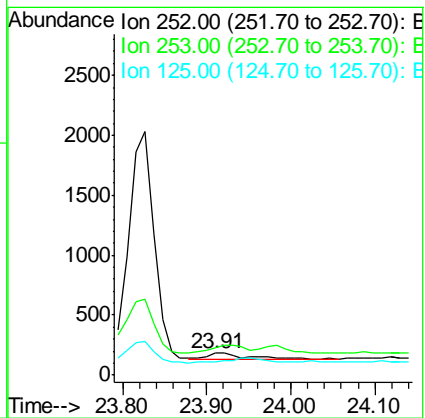
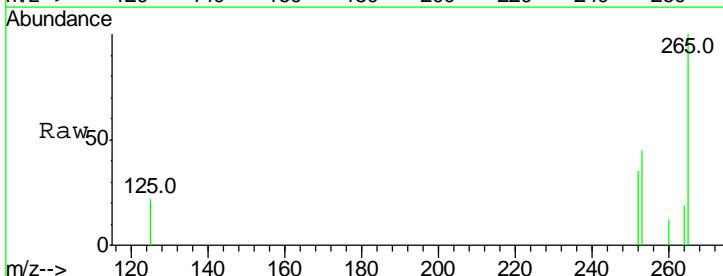
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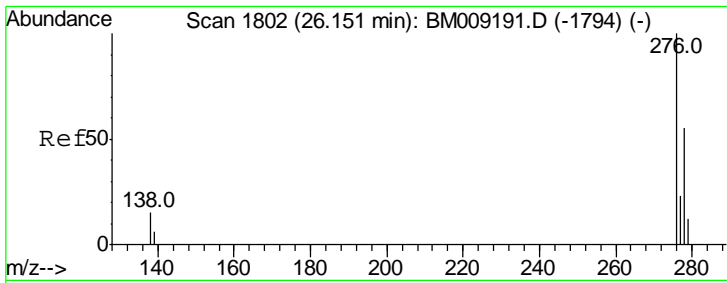
Tgt Ion	Resp	Lower	Upper
252	405		
253	184.6	24.5	36.7#
125	51.0	13.7	20.5#



#23
 Benzo(a)pyrene
 Concen: 0.26 ng/ul
 RT: 23.91 min Scan# 1587
 Delta R.T. 0.24 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

Tgt Ion	Resp	Lower	Upper
252	173		
253	125.8	28.5	42.7#
125	62.6	18.1	27.1#

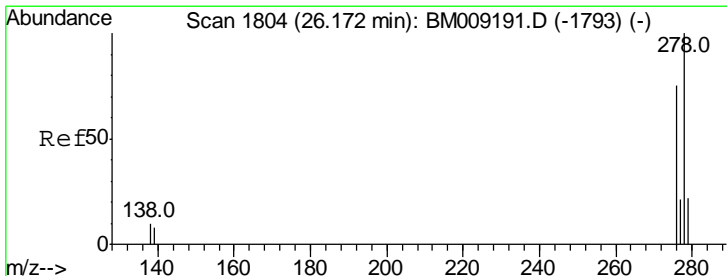
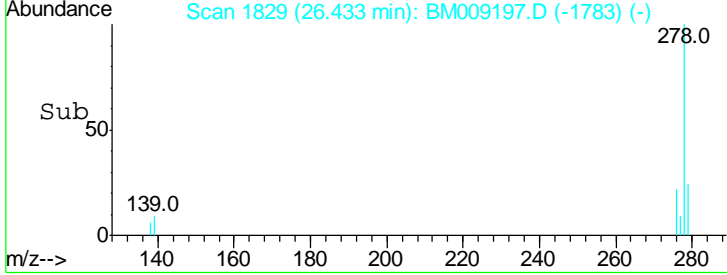
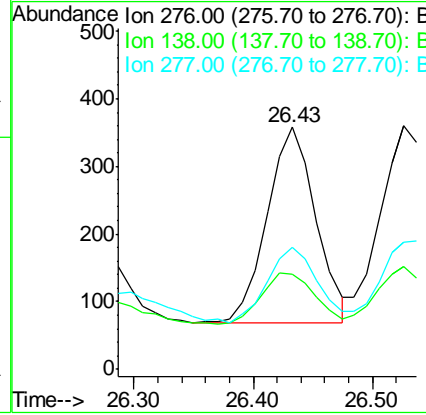
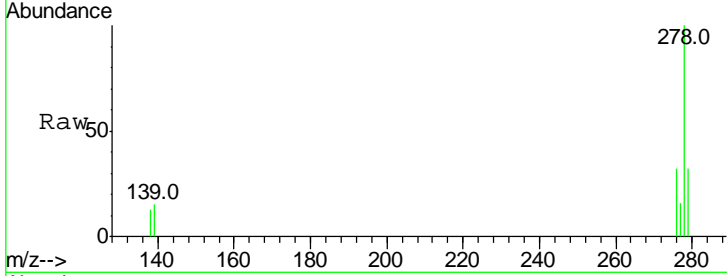




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.96 ng/ul
 RT: 26.43 min Scan# 1829
 Delta R.T. 0.28 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

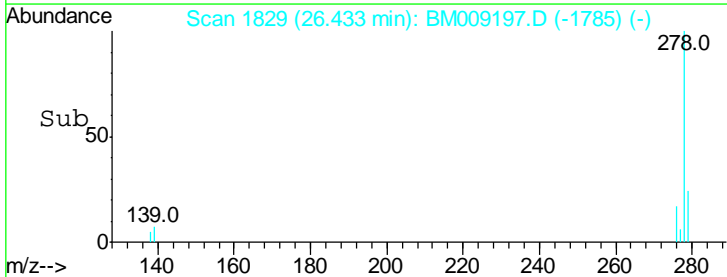
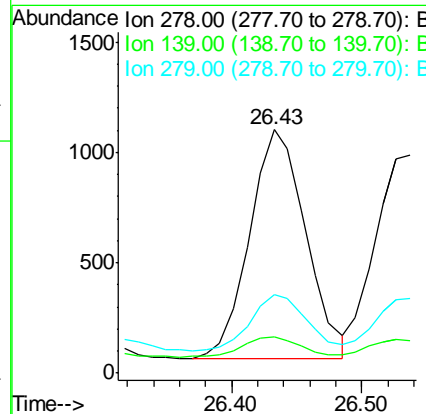
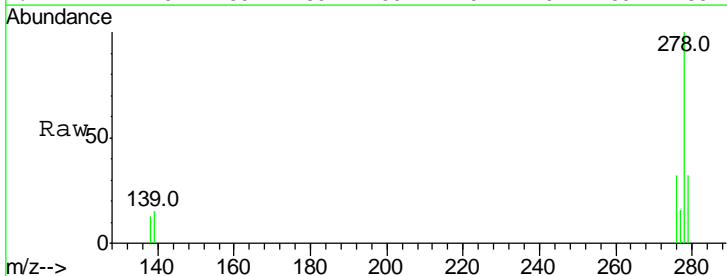
Instrument :
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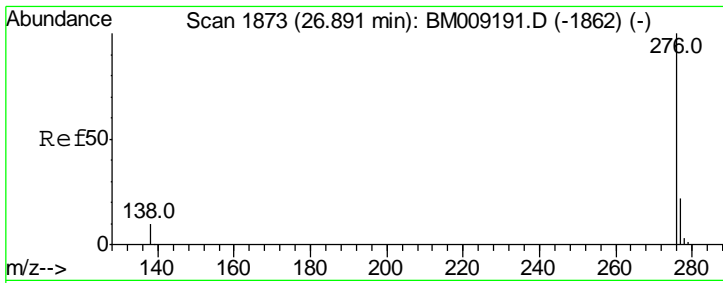
Tgt Ion	Resp	Lower	Upper
276	100		
138	28.5	19.1	28.7
277	39.4	19.6	29.4



#25
 Dibenzo(a,h)anthracene
 Concen: 4.32 ng/ul
 RT: 26.43 min Scan# 1829
 Delta R.T. 0.26 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

Tgt Ion	Resp	Lower	Upper
278	100		
139	14.9	17.4	26.0
279	32.0	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 0.22 ng/ul
 RT: 27.11 min Scan# 1894
 Delta R.T. 0.22 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

Instrument :
 BNA_M
 ClientSampleId :
 C0AK2

Tot Ion: 276 Resp: 160

Ion	Ratio	Lower	Upper
276	100		
277	80.2	21.8	32.8#
138	71.7	20.5	30.7#

